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Dist Rec'd PCT/PTO

08 MAR 2005 # 6

JENKINS
WILSON
& TAYLOR

patent attorneys

March 8, 2005

RICHARD E. JENKINS

JEFFREY L. WILSON

ARLES A. TAYLOR, JR.

GREGORY A. HUNT

E. ERIC MILLS

BENTLEY J. OLIVE

MICHAEL J. CROWLEY

*CHRIS PERKINS, PH.D.

**JAMES DALY IV, PH.D.

JEFFREY CHILDERS, PH.D.

THEODOSIOS THOMAS

OF COUNSEL
SOROJINI BISWAS

*LICENSED ONLY IN CA

**LICENSED ONLY IN KY



"Express Mail" mailing number.: EV611691921US

Date of Deposit March 8, 2005

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Amy Yost

Amy Yost

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 10/500,671 for
NUCLEAR-ENVELOPE AND NUCLEAR-LAMINA
BINDING CHIMERAS FOR MODULATING GENE
EXPRESSION
Our Ref. No. 1392/10/18/2 PCT/US

Sir:

Enclosed please find the following:

1. Response to Notification of Defective Response (2 pages);
2. Copy of Notification of Response (2 pages);
3. Sequence Listing (7 pages) and Computer Readable Copy (CD);
4. Statement that Sequence Listing and Computer Readable Copy are the same;
5. A return-receipt postcard to be returned to our offices with the U.S. Patent and Trademark filing stamp thereon; and
6. Express Mail Certificate No. EV611691921US.

Please contact our offices if there are any questions with this matter.

tel 919.493.8000
fax 919.419.0383

Jenkins, Wilson & Taylor, P.A.
JenkinsWilsonTaylor.com

University Tower, Suite 1400 | 3100 Tower Boulevard | Durham, North Carolina 27707

Commissioner for Patents
March 8, 2005
Page 2

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account Number 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

A handwritten signature in black ink, appearing to read "Arles A. Taylor, Jr.", written in a cursive style.

Arles A. Taylor, Jr.
Registration No. 39,395

AAT/JD/acy

Enclosures

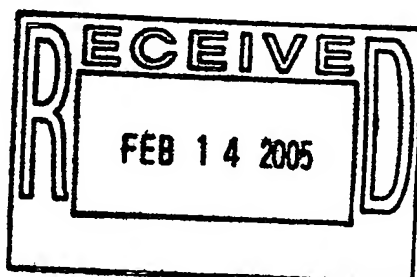
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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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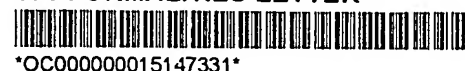
| | | |
|-----------------------------|-----------------------|---------------------|
| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/500,671 | Takashi Sera | 1392/10/18/2 PCT/US |

25297
 JENKINS & WILSON, PA
 3100 TOWER BLVD
 SUITE 1400
 DURHAM, NC 27707



| | |
|-------------------------------|---------------|
| INTERNATIONAL APPLICATION NO. | |
| PCT/US03/01529 | |
| IA. FILING DATE | PRIORITY DATE |
| 01/17/2003 | 01/18/2002 |

CONFIRMATION NO. 6533
 371 FORMALITIES LETTER



Date Mailed: 02/10/2005

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Priority Document
- Copy of the International Application filed on 07/02/2004
- Copy of the International Search Report filed on 08/10/2004
- Preliminary Amendments filed on 07/02/2004
- Information Disclosure Statements filed on 11/12/2004
- Oath or Declaration filed on 01/03/2005
- Biochemical Sequence Listing filed on 01/03/2005
- U.S. Basic National Fees filed on 07/02/2004
- Priority Documents filed on 07/02/2004

(3/10/05; 3/13; 4/13;
 DOCKET DATES: 5/13; 6/13/05
 ASSIGNED ATTY: AA-TJD
 FILE NO. 1392/10/18/2 PCT/US
 DOCKETED BY: HMD
 DATE: 2-17-05

Applicant's response filed 01/03/2005 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 12/13/2004 have not been completed.

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
 - A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e) and PCT Rule 13ter.1(a)(ii).
 - A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of Annex C of the Administrative Instructions and 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
 - APPLICANT MUST PROVIDE:
 - An initial or substitute computer readable form (CRF) of the "Sequence Listing."
 - An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.
 - A statement that the contents of the paper or compact disc and the computer readable form

are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).

- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
 - For Rules Interpretation, call (703) 308-4216
 - To Purchase PatentIn Software, call (703) 306-2600
 - For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|---------------------|
| 10/500,671 | PCT/US03/01529 | 1392/10/18/2 PCT/US |



Rec'd PCT/US

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Amy Yost

Amy Yost

Date of Signature March 8, 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Takashi Sera

Group Art Unit: Unknown

Serial No.: 10/500,671

Examiner: Unknown

Filed: July 2, 2004
PCT/US

Docket No.: 1392/10/18/2

Confirmation No.: 6533

For: NUCLEAR-ENVELOPE AND NUCLEAR-LAMINA BINDING CHIMERAS
FOR MODULATING GENE EXPRESSION

**RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE -
FILING DATE GRANTED**

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is pursuant to the "Notification of Defective Response" dated February 10, 2005. Please find enclosed the following:

1. A Substitute Sequence Listing (7 pages) and Computer Readable Copy (CD); and
2. Statement that Sequence Listing and Computer Readable Copy are the Same.

A copy of the Notification of Defective Response is being filed simultaneously.

Appl. Serial No.: 10/500,671

The Commissioner is hereby authorized to charge any fee associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

Date: 03/09/2005

By: Arles A. Taylor, Jr.
Arles A. Taylor, Jr.
Registration No. 39,395

AAT/JD/acy

Enclosures

Customer No: 25297